

# Blue Ribbon PreCalculus

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## University Course for High School Students

- Experience the Pace of a University Course
- Gain Confidence in Mathematical Ability
- Avoid Senior Mathematics Void
- Remain in the “Mathematics Pipeline”

# Two Courses through WVU Mathematics Department

- Blue Ribbon Pre-Calculus -  
[www.blueribbon.ws](http://www.blueribbon.ws)
- WvEB Algebra -  
[www.wvebmath.ws](http://www.wvebmath.ws)

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## Blue Ribbon Pre-Calculus

- Four credit course  
(can be set up for concurrent enrollment)
- Students must meet WVU early entry as well as Mathematics Departmental requirements.
- High School teacher is adjunct of Mathematics Department

# Blue Ribbon Pre-Calculus

- There is a designated Placement Test Day
- There is a designated Admittance Day

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## Blue Ribbon WVU Placement Test

- All interested Students must take the WVU Placement Test for Pre-calculus

## Blue Ribbon WVU Placement

- A student who does not pass the placement test may still register if:
- He/she has the appropriate ACT/SAT Math score: ACT 24, SAT 560
- He/she has teacher, parental, administrative consent
- He/she meets all other requirements

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## Blue Ribbon WVU Requirements

- Senior Status  
(Others considered on an individual basis)
- Overall GPA of 3.0

# Blue Ribbon WVU Requirements

- A completed WVU application form.  
application fee - \$15.
- A high school transcript that includes an overall GPA.
- Consent from high school principal
- Parental/guardian consent
- Completed Registration Form - \$45/credit

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# Blue Ribbon Departmental Requirements

- An earned "C" or better in: Algebra 1, Algebra 2, Geometry, and Trigonometry.
- A satisfactory score on the WVU pre-calculus placement test.
- A High School Mathematics teacher's recommendation.

# Blue Ribbon

## Course Requirements

- Students ( or counties) must buy books and laboratory manuals.
- Precalculus: Graphing and Data Analysis, 2/e by Sullivan
- Access to Computer is necessary.

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# Blue Ribbon

## Instructor Requirements

- Certified High School Mathematics Teacher
- Masters Degree in Mathematics or Mathematics Education
- Must attend Professional Development Sessions at WVU- Morgantown

# Blue Ribbon Instructor Requirements

- Application to Mathematics Department which includes
- Vitae/Resume
- Letters of Recommendation
- Certification/Degree verification

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## Blue Ribbon “Perks”

- WVU will pay \$1600 per course
- To teacher if offered outside of school day
- To county if offered during school day  
(Make a deal)
- Must have at least 15 students in a course.

# Blue Ribbon School Participants

- University High School
- Bridgeport High School

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# Blue Ribbon Pre-Calculus Results

- 41 Student Participants in Spring 2000
- Letter Grade    A    B    C    D    F    W
- Number Earned 22    13    3    0    0    3



# Blue Ribbon Pre-Calculus Results

Course	Pre-Calc BR	Pre-Calc On Campus	Pre-Calc On Campus
Semester	Sp 2000	Sp 2000	Fall 1999
Average GPA	3.5	1.4	2.22

# Blue Ribbon Pre-Calculus Results

Course	Pre-Calc BR	Pre-Calc On Campus	Pre-Calc On Campus
Semester	Sp 2000	Sp 2000	Fall 1999
DFW rate	7%	65%	32%